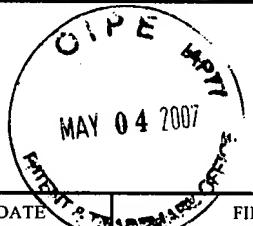




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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/874,574	06/04/2001	Robert David Graham	03845P003	5484
7590	04/23/2007		EXAMINER NALVEN, ANDREW L	
W. Scott Petty KING & SPALDING 191 Peachtree Street 45th Floor Atlanta, GA 30303-1763			ART UNIT 2134	PAPER NUMBER
			MAIL DATE 04/23/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Supplemental Notice of Allowability</b>	Application No.	Applicant(s)
	09/874,574	GRAHAM, ROBERT DAVID
	Examiner	Art Unit
	Andrew L. Nalven	2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to letter received 3/22/07.
2.  The allowed claim(s) is/are 1,3,4,6-14,16-40,42-50 and 52-57.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All b)  Some\* c)  None of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 9/23/2005, 8/12/2002
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

**DETAILED ACTION**

***Allowable Subject Matter***

Claims 1, 3-4, 6-14, 16-40, 42-50, and 52-57 allowed.

The following is an examiner's statement of reasons for allowance:

Information disclosure statements submitted 9/26/2005 and 8/16/2002 have been considered. The reasons for allowance presented in the prior notice of allowance remain intact.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew L. Nalven whose telephone number is 571 272 3839. The examiner can normally be reached on Monday - Thursday 8-6, Alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on 571 272 3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

**COPY**

Sheet 1 of 2

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT**  
*(Use several sheets if necessary)*

ATTY. DOCKET NO.		SERIAL NO.	FILING DATE				
05456.105035		09/874,574	June 4, 2001				
APPLICANT		GROUP					
Network Ice Corporation		2635					
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ATA	AA	5,557,742	09/17/96	Smaha et al.			
	AB	5,278,901	01/11/94	Shieh et al.			
	AC	5,345,595	09/06/94	Johnson et al.			
	AD	5,414,833	05/09/95	Hershey et al.			
	AE	5,475,839	12/12/95	Watson et al.			
	AF	6,026,442	02/15/00	Lewis et al.			
	AG	6,016,553	01/18/00	Schneider et al.			
	AH	5,950,012	09/07/99	Shiell et al.			
	AI	5,881,236	03/09/99	Dickey			
	AJ	5,761,504	06/02/98	Corrigan et al.			
	AK	5,764,890	06/09/98	Glasser et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO.
AL							
AM							
AN							
AO							
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
AP		Aurobindo Sundaram, "An Introduction to Intrusion Detection," Copyright 1996, published at <a href="http://www.acm.org/crossroads/xrds2-4/intrus.html">www.acm.org/crossroads/xrds2-4/intrus.html</a> , pp. 1-12.					
AR		Didier Samfat, Refik Molva, "IDAMN: An Intrusion Detection Architecture for Mobile Networks," IEEE Journal on Selected Areas in Communications, Vol. 15, No. 7, September 1997, pp. 1373-1380.					
AS							
AT							
EXAMINER DATE CONSIDERED				<b>COPY</b> 7/16/07			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not							

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Andrew Nalven

AN

David Y. Jung  
Primary Examiner

Apr 4/20/07

**COPY**

Sheet 2 of 2

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT**  
*(Use several sheets if necessary)*

ATTY. DOCKET NO. 05456.105035	SERIAL NO. 09/874,574	FILING DATE June 4, 2001
APPLICANT Network Ice Corporation	GROUP 2635	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	BA 5,630,061	05/13/97	Richter et al..			
AC	BB 4,819,234	04/04/89	Huber			
	BC					
	BD					
	BE					
	BF					
	BG					
	BH					
	BI					
	BJ					
	BK					

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
	BL				
	BM				
	BN				
	BO				

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

BP	
BR	
BS	
BT	

EXAMINER DATE CONSIDERED

*GR**4/16/07*

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SEP 28 2005

## LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 05456.105035	SERIAL NO. 09/874,574	FILING DATE June 4, 2001
APPLICANT Robert David Graham	GROUP 2134	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N./	AA 5,696,486	12/9/97	Poliquin et al.	340		
	AB 6,353,385	3/5/02	Molini et al.	340		
	AC 5,353,393	10/4/94	Bennett et al.	345		
	AD 6,429,952	8/6/02	Olbricht	358		
	AE 5,748,098	5/5/98	Grace	370		
	AF 6,396,845	5/28/02	Sugita	370		
	AG 6,711,127	3/23/04	Gorman et al.	370		
	AH 5,734,697	3/31/98	Jabbarnezhad	379		
	AI 6,104,783	8/15/00	DeFino	379		
	AJ 6,226,372	5/1/01	Beebe et al.	379		
	AK 6,445,822	9/3/02	Crill et al.	382		
	AL 6,563,959	5/13/03	Troyanker	382		
	AM 6,618,501	9/9/03	Osawa et al.	382		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/Andrew Nalven/ (04/16/2007)	DATE CONSIDERED
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05456.105035	09/874,574	June 4, 2001
APPLICANT		GROUP
Robert David Graham		2134

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N./ AN	6,628,824	9/30/03	Belanger	382		
AO	6,647,139	11/11/03	Kunii et al.	382		
AP	6,661,904	12/9/03	Sasich et al.	382		
AQ	6,668,082	12/23/03	Davison et al.	382		
AR	6,668,084	12/23/03	Minami	382		
AS	6,792,144	9/14/04	Yan et al.	382		
AT	5,345,595	9/6/94	Johnson et al.	455		
AU	6,278,886	8/21/01	Hwang	455		
AV	6,889,168	05/03/05	Hartley et al.	702		
AW	5,210,704	5/11/93	Husseiny	702		
AX	5,842,002	11/24/98	Schnurer et al.	703		
AY	5,854,916	12/29/98	Nachenberg	703		
AZ	5,999,723	12/7/99	Nachenberg	703		
BA	6,067,410	5/23/00	Nachenberg	703		
BB	5,864,803	1/26/99	Nussbaum	704		

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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APPLICANT Robert David Graham	GROUP 2134	

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N/	BC	6,014,645	1/11/00	Cunningham	705		
	BD	6,584,454	6/24/03	Hummel, Jr. et al.	705		
	BE	5,675,711	10/7/97	Kephart et al.	706		
	BF	5,907,834	5/25/99	Kephart et al.	706		
	BG	5,649,185	7/15/97	Antognini et al.	707		
	BH	5,857,191	1/5/99	Blackwell, Jr. et al.	707		
	BI	5,878,420	3/2/99	de la Salle	707		
	BJ	5,899,999	5/4/99	De Bonet	707		
	BK	6,144,961	11/7/00	de la Salle	707		
	BL	6,161,109	12/12/00	Matamoros et al.	707		
	BM	6,282,546	8/28/01	Gleichauf et al.	707		
	BN	6,463,426	10/8/02	Lipson et al.	707		
↓	BO	6,647,400	11/11/03	Moran	707		
	BP	4,223,380	9/16/80	Antonaccio et al.	709		

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05456.105035	09/874,574	June 4, 2001
APPLICANT		GROUP
Robert David Graham		2134

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N.	BQ	5,309,562	5/3/94	Li	709		
	BR	5,347,450	9/13/94	Nugent	709		
	BS	5,371,852	12/6/94	Attanasio et al.	709		
	BT	5,515,508	5/7/96	Pettus et al.	709		
	BU	5,539,659	7/23/96	McKee et al.	709		
	BV	5,630,061	5/13/97	Richter et al.	709		
	BW	5,706,210	1/6/98	Kumano et al.	709		
	BX	5,745,692	4/28/98	Lohmann, II et al.	709		
	BY	5,790,799	8/4/98	Mogul	709		
	BZ	5,835,726	11/10/98	Shwed et al.	709		
	CA	5,881,236	3/9/99	Dickey	709		
	CB	5,884,033	3/16/99	Duvall et al.	709		
	CC	5,922,051	7/13/99	Sidey	709		
	CD	5,715,395	02/03/98	Brabson et al.	709		
↓	CE	6,220,768	04/24/01	Barroux	709		

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION
					YES      NO.

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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ATTY. DOCKET NO. <b>05456.105035</b>	SERIAL NO. <b>09/874,574</b>	FILING DATE <b>June 4, 2001</b>
APPLICANT <b>Robert David Graham</b>	GROUP <b>2134</b>	

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N.	CF	5,964,839	10/12/99	Johnson et al.	709		
	CG	5,974,237	10/26/99	Shurmer et al.	709		
	CH	5,974,457	10/26/99	Waclawsky et al.	709		
	CH	5,983,270	11/9/99	Abraham et al.	709		
	CJ	6,009,467	12/28/99	Ratcliff et al.	709		
	CK	6,026,442	2/15/00	Lewis et al.	709		
	CL	6,035,323	3/7/00	Narayen et al.	709		
	CM	6,041,347	3/21/00	Harsham et al.	709		
	CN	6,052,709	4/18/00	Paul	709		
	CO	6,070,190	5/30/00	Reps et al.	709		
	CP	6,073,172	6/6/00	Fraigong et al.	709		
	CQ	6,085,224	7/4/00	Wagner	709		
↓	CR	6,119,165	9/12/00	Li et al.	709		
	CS	6,195,687	2/27/01	Greaves et al.	709		

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/Andrew Nalven/ (04/16/2007)	DATE CONSIDERED
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05456.105035	09/874,574	June 4, 2001
APPLICANT		GROUP
Robert David Graham		2134

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N.	CT	6,377,994	4/23/02	Ault et al.	709		
	CU	6,397,245	5/28/02	Johnson, II et al.	709		
	CV	6,415,321	7/2/02	Gleichauf et al.	709		
	CW	6,434,615	8/13/02	Dinh et al.	709		
	CX	6,438,600	8/20/02	Greenfield et al.	709		
	CY	6,453,345	9/17/02	Trcka et al.	709		
	CZ	6,453,346	9/17/02	Garg et al.	709		
	DA	6,484,203	11/19/02	Porras et al.	709		
	DB	6,496,858	12/17/02	Fraigong et al.	709		
	DC	6,519,647	2/11/03	Howard et al.	709		
	DD	6,708,212	3/16/04	Porras et al.	709		
	DE	6,711,615	3/23/04	Porras et al.	709		
	DF	6,718,383	4/6/04	Hebert	709		
↓	DG	2002/0032793	3/14/02	Malan et al.	709		

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
					YES	NO.

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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APPLICANT	GROUP	
Robert David Graham	2134	

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N.	DH	2003/0037136	2/20/03	Labovitz et al.	709		
	DI	4,400,769	8/23/83	Kaneda et al.	710		
	DJ	5,511,184	4/23/96	Lin	710		
	DK	6,467,002	10/15/02	Yang	710		
	DL	5,991,856	11/23/99	Spilo et al.	711		
	DM	6,324,627	11/27/01	Kricheff et al.	711		
	DN	4,975,950	12/4/90	Lentz	713		
	DO	5,032,979	7/16/91	Hecht et al.	713		
	DP	5,121,345	6/9/92	Lentz	713		
	DQ	5,204,966	4/20/93	Wittenberg et al.	713		
	DR	5,274,824	12/28/93	Howarth	713		
	DS	5,278,901	1/11/94	Shieh et al.	713		
	DT	5,311,593	5/10/94	Carmi	713		
	DU	5,359,659	10/25/94	Rosenthal	713		
	DV	5,414,833	5/9/95	Hershey et al.	713		
▼	DW	5,475,839	12/12/95	Watson et al.	713		

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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APPLICANT				GROUP			
Robert David Graham				2134			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N./	DX	5,557,742	9/17/96	Smaha et al.	713		
	DY	5,586,260	12/17/96	Hu	713		
	DZ	5,606,668	2/25/97	Shwed	713		
	EA	5,623,600	4/22/97	Ji et al.	713		
	EB	5,623,601	4/22/97	Vu	713		
	EC	5,696,822	12/9/97	Nachenberg	713		
	ED	5,761,504	6/2/98	Corrigan et al.	713		
	EE	5,764,887	6/9/98	Kells et al.	713		
	EF	5,764,890	6/9/98	Glasser et al.	713		
	EG	5,787,177	7/28/98	Leppek	713		
	EH	5,796,942	8/18/98	Esbensen	713		
	EI	5,798,706	8/25/98	Kraemer et al.	713		
	EJ	5,812,763	9/22/98	Teng	713		
	EK	5,815,574	9/29/98	Fortinsky	713		
	EL	5,822,517	10/13/98	Dotan	713		
↓	EM	6,851,057	02/01/05	Nachenberg	713		
<b>FOREIGN PATENT DOCUMENTS</b>							
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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Robert David Graham		2134

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/A.N.	EN	5,826,013	10/20/98	Nachenberg	713		
	EO	5,828,833	10/27/98	Belville et al.	713		
	EP	5,832,208	11/3/98	Chen et al.	713		
	EQ	5,832,211	11/3/98	Blakley, III et al.	713		
	ER	5,838,903	11/17/98	Blakely, III et al.	713		
	ES	5,845,067	12/1/98	Porter et al.	713		
	ET	5,848,233	12/8/98	Radia et al.	713		
	EU	5,864,665	1/26/99	Tran	713		
	EV	5,875,296	2/23/99	Shi et al.	713		
	EW	5,892,903	4/6/99	Klaus	713		
	EX	5,919,257	7/6/99	Trostle	713		
	EY	5,919,258	7/6/99	Kayashima et al.	713		
	EZ	5,925,126	7/20/99	Hsieh	713		
	FA	5,931,946	8/3/99	Terada et al.	713		
	FB	5,940,591	8/17/99	Boyle et al.	713		
↓	FC	6,886,102	04/26/05	Lyle	713		

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		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N.	FD	5,961,644	10/5/99	Kurtzberg et al.	713		
	FE	5,978,917	11/2/99	Chi	713		
	FF	5,983,348	11/9/99	Ji	713		
	FG	5,983,350	11/9/99	Minear et al.	713		
	FH	5,987,606	11/16/99	Cirasole et al.	713		
	FI	5,987,610	11/16/99	Franczek et al.	713		
	FJ	5,987,611	11/16/99	Freund	713		
	FK	5,991,881	11/23/99	Conklin et al.	713		
	FL	5,999,711	12/7/99	Misra et al.	713		
	FM	6,003,132	12/14/99	Mann	713		
	FN	6,061,795	5/9/00	Dircks et al.	713		
	FO	6,070,244	5/30/00	Orchier et al.	713		
	FP	6,081,894	6/27/00	Mann	713		
	FQ	6,493,752	12/10/02	Lee et al.	713		
▼	FR	5,905,859	05/18/99	Holloway et al.	713		

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/A.N.	FS	6,088,803	7/11/00	Tso et al.	713		
	FT	6,088,804	7/11/00	Hill et al.	713		
	FU	6,092,194	7/18/00	Touboul	713		
	FV	6,098,173	8/1/00	Elgressy et al.	713		
	FW	6,119,234	9/12/00	Aziz et al.	713		
	FX	6,122,738	9/19/00	Millard	713		
	FY	6,154,844	11/28/00	Touboul et al.	713		
	FZ	6,167,520	12/26/00	Touboul	713		
	GA	6,185,689	2/6/01	Todd, Sr. et al.	713		
	GB	6,205,552	3/20/01	Fudge	713		
	GC	6,266,773	7/24/01	Kisor et al.	713		
	GD	6,266,774	7/24/01	Sampath et al.	713		
	GE	6,272,641	8/7/01	Ji	713		
	GF	6,275,938	8/14/01	Bond et al.	713		
	GG	6,275,942	8/14/01	Bernhard et al.	713		
▼	GH	6,279,113	8/21/01	Vaidya	713		

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/A.N./	GI	6,298,445	10/2/01	Shostack et al.	713		
	GJ	6,301,668	10/9/01	Gleichauf et al.	713		
	GK	6,314,520	11/6/01	Schell et al.	713		
	GL	6,321,338	11/20/01	Porras et al.	713		
	GM	6,324,647	11/27/01	Bowman-Amuah	713		
	GN	6,338,141	1/8/02	Wells	713		
	GO	6,347,374	2/12/02	Drake et al.	713		
	GP	6,357,008	3/12/02	Nachenberg	713		
	GQ	6,405,318	6/11/02	Rowland	713		
	GR	6,408,391	6/18/02	Huff et al.	713		
	GS	6,460,141	10/1/02	Olden	713		
	GT	6,470,449	10/22/02	Blandford	713		
	GU	6,477,648	11/5/02	Schell et al.	713		
↓	GV	6,477,651	11/5/02	Teal	713		

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/A.N./	GW	6,487,666	11/26/02	Shanklin et al.		713		
	GX	6,499,107	12/24/02	Gleichauf et al.		713		
	GY	6,510,523	1/21/03	Perlman et al.		713		
	GZ	6,519,703	2/11/03	Joyce		713		
	HA	6,530,024	3/4/03	Proctor		713		
	HB	6,546,493	4/8/03	Magdych et al.		713		
	HC	6,574,737	6/3/03	Kingsford et al.		713		
	HD	6,578,147	6/10/03	Shanklin et al.		713		
	HE	6,681,331	1/20/04	Munson et al.		713		
	HF	6,691,232	2/10/04	Wood et al.		713		
	HG	6,704,874	3/9/04	Porras et al.		713		
	HH	6,725,377	4/20/04	Kouznetsov		713		
	HI	6,725,378	4/20/04	Schuba et al.		713		
▼	HJ	6,775,780	8/10/04	Muttik		713		
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/A.N./	HK	6,792,546	9/14/04	Shanklin et al.	713		
	HL	6,816,973	11/9/04	Gleichauf et al.	713		
	HM	6,839,850	1/4/05	Campbell et al.	713		
	HN	2001/0034847	10/25/01	Gaul, Jr.	713		
	HO	2002/0035698	3/21/02	Malan et al.	713		
	HP	2002/0083331	6/27/02	Krumel	713		
	HQ	2002/0083334	6/27/02	Rogers et al.	713		
	HR	2002/0138753	9/26/02	Munson	713		
	HS	2002/0144156	10/3/02	Copeland, III	713		
	HT	2003/0088791	5/8/03	Porras et al.	713		
	HU	2003/0212903	11/13/03	Porras et al.	713		
	HV	2004/0010718	1/15/04	Porras et al.	713		
	HW	4,672,609	6/9/87	Humphrey et al.	714		
	HX	4,773,028	9/20/88	Tallman	714		
▼	HY	5,398,196	3/14/95	Chambers	714		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/A.N.	HZ	5,440,723	8/8/95	Arnold et al.	714		
/A.N./A		5,452,442	9/19/95	Kephart	714		
	IB	5,649,095	7/15/97	Cozza	714		
	IC	5,765,030	6/9/98	Nachenberg et al.	714		
	ID	5,964,889	10/12/99	Nachenberg	714		
	IE	6,006,016	12/21/99	Faigon et al.	714		
	IF	6,016,553	1/18/00	Schneider et al.	714		
	IG	6,021,510	2/1/00	Nachenberg	714		
	IH	6,029,256	2/22/00	Kouznetsov	714		
	II	6,035,423	3/7/00	Hodges et al.	714		
	IJ	6,094,731	7/25/00	Waldin et al.	714		
	IK	6,108,799	8/22/00	Boulay et al.	714		
	IL	6,173,413	1/9/01	Slaughter et al.	714		
▼	IM	6,912,676	06/28/05	Gusler et al.	714		

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/A.N./	IN	6,199,181	3/6/01	Rechef et al.	714			
	IO	6,230,288	5/8/01	Kuo et al.	714			
	IP	6,314,525	11/6/01	Mahalingham et al.	714			
	IQ	6,324,656	11/27/01	Gleichauf et al.	714			
	IR	6,601,190	7/29/03	Meyer et al.	714			
	IS	2002/0032880	3/14/02	Poletto et al.	714			
	IT	5,454,074	9/26/95	Hartel et al.	715			
	IU	5,522,026	5/28/96	Records et al.	715			
	IV	6,271,840	8/7/01	Finseth et al.	715			
	IW	6,517,587	2/11/03	Satyavolu et al.	715			
	IX	6,535,227	3/18/03	Fox et al.	715			
	IY	4,819,234	4/4/89	Huber	717			
	IZ	5,590,331	12/31/96	Lewis et al.	717			
	JA	5,774,727	6/30/98	Walsh et al.	717			
V	JB	5,872,978	2/16/99	Hoskins	717			
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/A.N/	JC	5,950,012	9/7/99	Shiell et al.	717		
	JD	6,118,940	9/12/00	Alexander, III et al.	717		
	JE	6,405,364	6/11/02	Bowman-Amuah	717		
	JF	6,606,744	8/12/03	Mikurak	717		
	JG	6,397,242	5/28/02	Devine et al.	718		
	JH	2002/0032717	3/14/02	Malan et al.	718		
	JI	6,477,585	11/5/02	Cohen et al.	719		
↓	JJ	6,721,806	4/13/04	Boyd et al.	719		
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<b>FOREIGN PATENT DOCUMENTS</b>								
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/A.N.	JK	WO 01/084285	11/08/01	PCT	Internet Security Systems, Inc.			
	JL	WO 02/006928	01/24/02	PCT	vCIS, Inc.			
	JM	WO 00/054458	09/14/00	PCT	Psionic Software, Inc.			
	JN	WO 02/056152	07/18/02	PCT	Psionic Software			
	JO	0 985 995	08/13/03	EP	International Business Machines Corp.			
	JP	WO 93/25024	12/09/93	PCT	Cyberlock Data Intelligence, Inc.			
	JQ	WO 00/02115	01/13/00	PCT	PRC Inc.			
	JR	WO 99/00720	01/07/99	PCT	Telefonaktiebolaget LM Ericsson			
	JS	WO 99/50734	10/07/99	PCT	AT&T Corporation			
	JT	WO 98/41919	09/24/98	PCT	Trend Micro, Inc.			
	JU	WO 99/53391	10/21/99	PCT	Sun Microsystems, Inc.			
	JV	0 636 977	05/23/01	EP	Chambers			
	JW	WO 99/15966	04/01/99	PCT	Symantec Corporation			
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	JX	Essex, David, E-Sleuths Make Net Safe for E-Commerce, Computerworld, June 2000, pp. 1-2						
	JY	Newman, David, Intrusion Detection Systems, Data Communications, 1998, pp. 1-9						
	JZ	International Search Report for PCT/US02/17161 of December 31, 2002						
▼	KA	Hyland, et al., Concentric Supervision of Security Applications: A New Security Management Paradigm Computer Security Applications Conference, 1998, pp. 59-68						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
/A.N.	KB	Koilpillai et al., Recon-A Tool for Incident Detection, Tracking and Response, Darpa Information Survivability Conference and Exposition, 2000, pp. 199-206						
	KC	Alves-Foss, J., An Overview of SNIF: A Tool for Surveying Network Information Flow, Network and Distributed System Security, 1995, pp. 94-101						
	KD	Mansouri-Samani et al., A Configurable Event Service for Distributed Systems Configurable Distributed Systems, 1996, pp. 210-217						
	KE	International Search Report for PCT/US01/13769 of March 8, 2002						
	KF	Jagannathan et al., System Design Document: Next-Generation Intrusion Detection Expert Systems (NIDES), Internet Citation, March 9, 1993, XP002136082, pp. 1-66						
	KG	Koilpillai, Adaptive Network Security Management, DARPA NGI PI Conference, October 1998, pp. 1-27						
	KH	Hiverworld Continuous Adaptive Risk Management, Hiverworld, Inc., 1999-2000, pp. 1-14						
	KI	International Search Report for PCT/US02/04989 of September 19, 2002						
	KJ	International Search Report for PCT/US02/02917 of August 8, 2002						
	KK	International Search Report for PCT/US03/00155 of May 15, 2003						
	KL	NXI Communications, Inc., White Paper, NTS Security Issues, October 15, 2001, pp. 1-12						
	KM	Mounji et al., Distributed Audit Trail Analysis, Proceedings of the Symposium of Network and Distributed System Security, San Diego, CA, February 16-17, 1995, PP. 102-112						
▼	KN	Wobber et al., Authentication in the Taos Operating System, ACM Transactions on Computer Systems, Vol. 12, No. 1, February 1994, pp. 3-32						
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/A.N./	KO	Mayer et al., The Design of the Trusted Workstation: A True Infosec Product, 13 <sup>th</sup> National Computer Security Conference, Washington, DC, October 1-4, 1990, pp. 827-839					
	KP	Dawson, Intrusion Protection for Networks, Byte, April 1995, pp. 171-172					
	KQ	Buhkan, Checkpoint Charlie, PC Week Network, November 27, 1995, pp. N1, N6-N7					
	KR	Process Software Technical Support Page, found on <a href="http://www.process.com/techsupport/whitesec.html">http://www.process.com/techsupport/whitesec.html</a> , printed off of the Process Software website on February 26, 2003, pp. 1-5					
	KS	Ganesan, BAFirewall: A Modern Firewall Design, Proceedings Internet Society Symposium on Network and Distributed System Security 1994, Internet Soc., 1994, pp. 99-108					
	KT	Lee, Trusted Systems, Chapter II-1-6 of Handbook of Information Security Management, Ed. Zella G. Ruthberg and Harold F. Tipton, Auerbach, Boston and New York, 1993, pp. 345-362					
	KU	Lunt, Automated Intrusion Detection, Chapter II-4-4 of Handbook of Information Security Management, Ed. Zella G. Ruthberg and Harold F. Tipton, Auerbach, Boston and New York, 1993, pp. 551-563					
	KV	Guha et al., Network Security via Reverse Engineering of TCP Code: Vulnerability Analysis and Proposed Solution, IEEE, March 1996, pp. 603-610					
	KW	Garg et al., High Level Communication Primitives for Concurrent Systems, IEEE, 1988, pp. 92-99					
	KX	Hastings et al., TCP/IP Spoofing Fundamentals, IEEE, May 1996, pp. 218-224					
	KY	Snapp, Signature Analysis and Communication Issues in a Distributed Intrusion Detection System, Master Thesis, University of California, Davis, California, 1991, pp. 1-40					
↓	KZ	Guha et al., Network Security via Reverse Engineering of TCP Code: Vulnerability Analysis and Proposed Solutions, IEEE, July 1997, pp. 40-48					

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS						TRANSLATION
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	YES NO.

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/A.N.	TD	Hunteman, Automated Information System - (AIS) Alarm System, University of California, Los Alamos National Laboratory, 20 <sup>th</sup> National Information System Security Conference, October 1997, Pages 1-12				
	TE	Janakiraman et al., Indra: A Peer-to-Peer Approach to Network Intrusion Detection and Prevention, Proceedings of the 12 <sup>th</sup> International Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, 2003, Pages 1-5				
	TF	Innella, Intrusion Detection Systems (IDS), Navy Information Assurance, June 28, 2004, Pages 1-4, <a href="http://www.infosec.navy.mil/ps/?t=infosecprodsservices/infosecprodsservices.tag&amp;bc=/infosecprodsservices/b...">http://www.infosec.navy.mil/ps/?t=infosecprodsservices/infosecprodsservices.tag&amp;bc=/infosecprodsservices/b...</a>				
	TG	Curry, Intrusion Detection Systems, IBM Emergency Response Service, Coast Laboratory, <a href="http://www.cerias.purdue.edu/about/history/coast_resources/idcontent/ids.html">http://www.cerias.purdue.edu/about/history/coast_resources/idcontent/ids.html</a> , July 19, 2004, Pages 1-28				
	TH	Lunt et al., Knowledge-Based Intrusion Detection, SRI International, Menlo Park, California, Conference on AI Systems in Government, Washington, D.C., March 1989, Pages 102-107				
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	TJ	NetScreen Products, FAQ, <a href="http://www.netscreen.com/products/faq.html">http://www.netscreen.com/products/faq.html</a> , February 28, 2003, Pages 1-6				
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	TT		RealSecure, Adaptive Network Security Manager Module Programmer's Reference Manual, pp. 1-74				
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	TX		Temin, Case Study: The IA: AIDE System at Two, 15 <sup>th</sup> Annual Computer Security Applications Conference, December 6-10, 1999, Phoenix, Arizona, pp. 1-26				
	TY		Spink, Automated Intrusion Detection Environment (AIDE), Intrusion Detection Sensor Fusion, September 7, 1999, pp. 1-25				
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	UC		Bass, Multisensor Data Fusion for Next Generation Distributed Intrusion Detection Systems, April 28, 1999, Iris National Symposium, pp. 1-6				
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	UE		Perrochon, Using Context-Based Correlation in Network Operations and Management, July 2, 1999, Stanford University, pp. 1-20				
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	UI		Levitt et al., CMAD IV, Computer Misuse & Anomaly Detection, Session Summaries, November 12-14, 1996, Proceedings of the Fourth Workshop on Future Directions in Computer Misuse and Anomaly Detection, Monterey, California, pp. 1-86				
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	UM	RealSecure ICEcap Manager User Guide Version 3.6, Internet Security Systems, Inc., 1998-2002, pp. 1-228				
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	UP	Machlis, Net Monitoring Tools Gain Real-Time Alerts, April 14, 1997, <a href="http://www.computerworld.com">http://www.computerworld.com</a> , pp. 1-12				
	UQ	OmniGuard/ITA Intruder Alert, AXENT Technologies, Inc., November 17, 2004, <a href="http://www.web.archive.org">http://www.web.archive.org</a> , pp. 1-10				
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	US	Sutterfield, Large-Scale Network Intrusion Detection, 1997, WheelGroup Corporation, pp. 1-10				
	UT	Kumar et al., An Application of Pattern Matching in Intrusion Detection, Technical Report No. CSD-TR-94-013, June 17, 1994, Purdue University, pp. 1-55				
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↓	UV	Perrochon et al., Event Mining with Event Processing Networks, Date Unknown, Stanford University, pp. 1-4				

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	UX	Bass, Intrusion Detection System and Multisensor Data Fusion, April 2000, Communications of the ACM, Vol. 43, No. 4, pp. 99-105						
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	VF	Security Manager for UNIX Systems Version 3.2.1 User's Guide, February 1998, Internet Security Systems, pp. 1-162						
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	VJ		Landwehr et al., Newsletter of the IEEE Computer Society's TC on Security and Privacy Electronics, Electronic CIPHER, November 25, 1997, Issue 25, pp. 1-34				
	VK		20 <sup>th</sup> National Information Systems Security Conference, October 6-10, 1997, Baltimore, Maryland, pp. 1-44				
	VL		EMERALD Alert Management Interface User's Guide Version 1.2, December 6, 2000, SRI International, pp. 1-11				
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	VO		Network ICE Products - ICEcap, Date Unknown, pp. 1-2				
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	VQ		BlackICE User's Guide Version 1.0 Beta Draft, 1999, Network ICE Corporation, pp. 1-59				
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/A.N./	VT	"Real Secure, OS Sensor User Guide," Version 5.0, © Internet Security Systems, Inc. 1997-2000; September 2000, pgs. 1-64.					
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	VV	"System Security Scanner, User Guide," Version 1.6, © 1996-1998, Internet Security Systems, Inc., pgs. 1-164.					
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	WE	"Internet Scanner™, User Guide," Version 6.0, Copyright © 1999 by Internet Security Systems, Inc., pgs. 1-182.					
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